LINKSYS® by Cisco

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Media Hub

Home Entertainment Storage

NMH Series

Quick Installation Guide

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Online Resources

Website addresses in this document are listed without http:// in front of the address because most current web browsers do not require it. If you use an older web browser, you may have to add http:// in front of the web address.

Resource	Website
Linksys	www.linksysbycisco.com
Glossary	www.linksysbycisco.com/glossary
Network Security	www.linksysbycisco.com/security
Support	www.linksysbycisco.com/support

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Overview

The "Installation" section explains how to install the Media Hub and set up your computer for access to the Media Hub. The "Setup of Additional Computers" section explains how to set up additional computers for access to the Media Hub. The "Tools" section describes different ways to take advantage of the Media Hub's features.

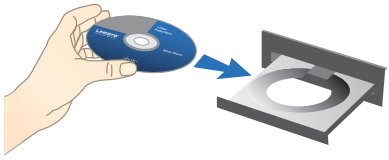
The pictures in the Quick Installation Guide show the Media Hub with LCD (NMH400 Series); however, the instructions also apply to the NMH300 Series of the Media Hub.

Installation

NOTE: One hard disk drive is pre-installed. You should install the Media Hub before installing a second hard disk drive.

A. Make sure the Media Hub is powered off.

Insert the Setup Wizard CD-ROM into your computer's CD-ROM drive. The Setup Wizard should run automatically, and the video should begin automatically. If it does not, click **Start** and then **Run**. In the field provided, enter **D:\setup.exe** (if "D" is the letter of your CD-ROM drive).



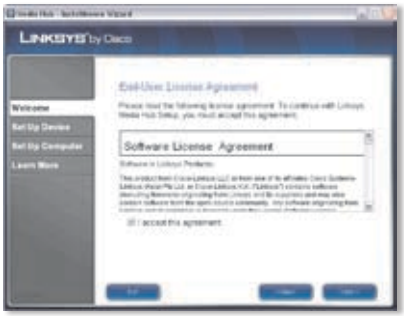
NOTE: Windows or other personal firewalls may ask for permission to run the software or program. You will need to allow the software to run in order to continue.

B. An introductory video plays. To bypass the video, click the **X** button in the upper right corner of the screen.

C. The *Welcome* screen appears. To begin installation, click **Start Setup**.

D. Read the License Agreement. To accept this agreement and continue with the installation, select **I accept this agreement**.

Click **Next**.



E. Connect one end of the included Ethernet network cable to the Ethernet port of the Media Hub.

Click **Next**.

F. Connect the other end of the Ethernet network cable to one of the local network ports on the router or gateway.

Click **Next**.

G. Connect the included power adapter to the Power port of the Media Hub.

Click **Next**.

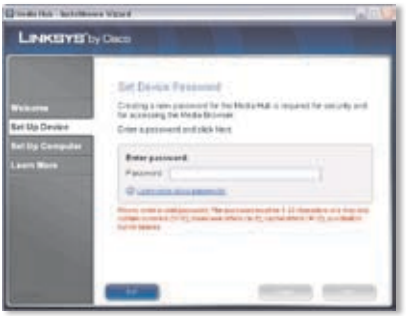
H. Plug the power cord into an electrical outlet.

Click **Next**.

I. Please wait while the Media Hub boots up. This may take a few minutes.

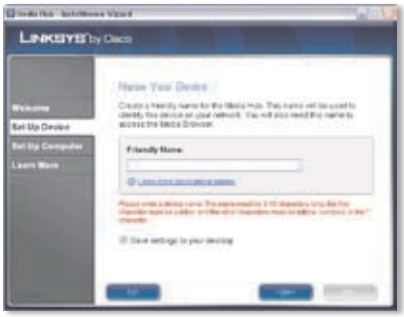
J. Create a password to protect access to the Media Hub. The password must have 1-32 characters and may only contain numbers, letters, or punctuation (do not use any spaces).

Click **Next**.

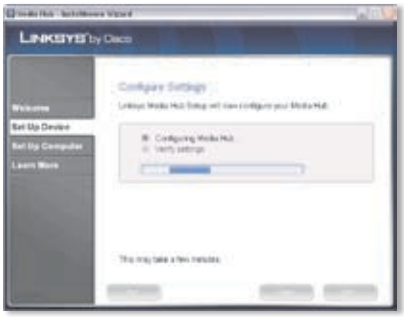


K. Enter a descriptive name for the Media Hub. (Examples: HomeMedia or Media1)

Click **Next**.



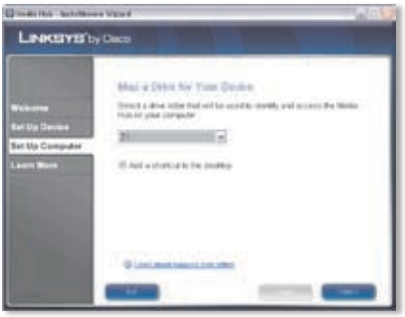
L. Please wait while the Setup Wizard configures the Media Hub. This may take a few minutes.



M. The Setup Wizard saves the settings of the Media Hub in a text file on your computer's desktop. Click **OK**.

N. To set up your computer for access to the Media Hub, click **Next**.

O. The drive letter will be used to identify the media folder of the Media Hub on your computer for convenient access. Keep the default drive letter, or select a different letter.



A shortcut to the Media Hub will be created on your computer's desktop. If you do not want a shortcut, deselect **Add a shortcut to the desktop**.

Click **Next**.

P. NTI Shadow is a backup tool you can use to automatically create a backup of your files located in the Documents folder (named "Users" in Windows Vista or "Documents and Settings" in Windows XP). The default backup job has been created to run every hour to back up files to the \backup folder on the Media Hub.

NTI Shadow will be installed on your computer. If you do not want to install it, deselect **Install Backup Tool now**.

Click **Next**.

NOTE: Refer to the "Tools" section for more information on how to back up your computer.

Q. The Media Importer is an import tool you can use to automatically find, copy, and update media files to the \import folder on the Media Hub.

The Media Importer will continually monitor the selected folder(s) for any changes you make or any new files you add, and it will automatically update the Media Hub with your latest changes or files.

To find and copy all media in the Documents folder, select **All Media**. (The folder is named "Users" in Windows Vista or "Documents and Settings" in Windows XP.) Then select the types of media files: **Find all pictures**, **Find all music**, and/or **Find all videos**.

To specify folders, select **Select Folders**. Then click **Select** to specify the folders that will be automatically searched for media files.

If you do not want to use the import tool now, select **Manual**. You can copy files to the Media Hub later using your computer's file browser or the Media Importer.

Click **Next**.

NOTE: You can access the Media Importer through the system tray; refer to the "Tools" section for more information.

R. Watch the video to learn how to take advantage of the Media Hub's features.

Click **Next**.

NOTE: To access the Media Hub through your web browser, use the Friendly Name and Password you set up during the Setup Wizard. Example: http://mediahub

S. The Media Hub has been configured.

Its Media Browser will launch automatically. If you do not want to access the Media Browser, deselect **Access the Media Browser now**.

To exit the Setup Wizard, click **Finish**.

NOTE: You can register the Media Hub later at **www.linksysbycisco.com/registration**

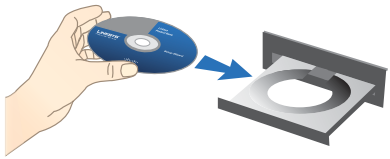
The Media Browser requires Adobe Flash Player (version 9 or higher). If it is not installed on your computer, then you will be prompted to download and install it. Follow the on-screen instructions. (An active Internet connection is required.)

Congratulations! Installation of the Media Hub is complete.

Setup of Additional Computers

To set up additional computers for access to the Media Hub, run the Setup Wizard and then click **Connect Computers**.

A. Insert the Setup Wizard CD-ROM into your computer's CD-ROM drive. The Setup Wizard should run automatically, and the video should begin automatically. If it does not, click **Start** and then **Run**. In the field provided, enter **D:\setup.exe** (if "D" is the letter of your CD-ROM drive).

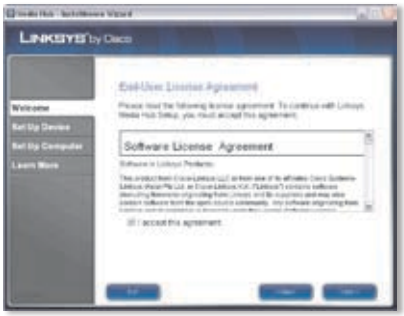


To bypass the video, click the **X** button in the upper right corner of the screen.

B. The *Welcome* screen appears. To set up your computer for access to the Media Hub, click **Connect Computers**.

C. Read the License Agreement. To accept this agreement and continue with the installation, select **I accept this agreement**.

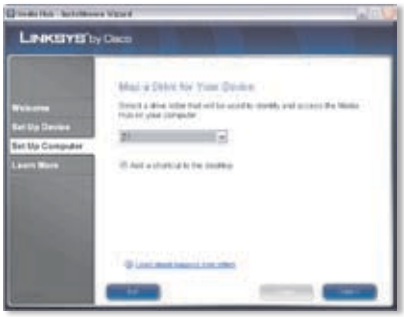
Click **Next**.



D. The drive letter will be used to identify the media folder of the Media Hub on your computer for convenient access. Keep the default drive letter, or select a different letter.

A shortcut to the Media Hub will be created on your computer's desktop. If you do not want a shortcut, deselect **Add a shortcut to the desktop**.

Click **Next**.



E. NTI Shadow is a backup tool you can use to automatically create a backup of your files located in the Documents folder (named "Users" in Windows Vista or "Documents and Settings" in Windows XP). The default backup job has been created to run every hour to back up files to the \backup folder on the Media Hub.

NTI Shadow will be installed on your computer. If you do not want to install it, deselect **Install Backup Tool now**.

Click **Next**.

NOTE: Refer to the "Tools" section for more information on how to back up your computer.

F. Media Importer is an import tool you can use to automatically find, copy, and update media files to the \import folder on the Media Hub. The Media Importer will continually monitor the selected folder(s) for any changes you make or any new files you add. Then it will automatically update the Media Hub with your latest changes or files.

To find and copy all media in the Documents folder (named "Users" in Windows Vista or "Documents and Settings" in Windows XP), select **All Media**. Then select the types of media files: **Find all pictures**, **Find all music**, and/or **Find all videos**.

To specify folders, select **Select Folders**. Then click **Select** to specify the folders that will be automatically searched for media files.

If you do not want to use the import tool now, select **Manual**. You can copy files to the Media Hub later using your computer's file browser or the Media Importer.

Click **Next**.

NOTE: You can access the Media Importer through the system tray; refer to the "Tools" section for more information.

G. Watch the video to learn how to take advantage of the Media Hub's features.

Click **Next**.

NOTE: To access the Media Hub through your web browser, use the Friendly Name and Password you set up during the Setup Wizard. Example: http://mediahub

H. The Media Hub has been configured.

Its Media Browser will launch automatically. If you do not want to access the Media Browser, deselect **Access the Media Browser now**.

To exit the Setup Wizard, click **Finish**.

NOTE: You can register the Media Hub later at **www.linksysbycisco.com/registration**

The Media Browser requires Adobe Flash Player (version 9 or higher). If it is not installed on your computer, then you will be prompted to download and install it. Follow the on-screen instructions. (An active Internet connection is required.)

To set up additional computers for access to the Media Hub, follow the instructions in this section, "Setup of Additional Computers", for each computer.

NOTE: Additional information is available in the User Guide; visit **www.linksysbycisco.com/mediahub/ug** to download it.

Tools

The Media Hub offers different ways to take advantage of its features.

Video Player Support

The Media Hub plays video content through a browser plug-in. Download and install your favorite media player to enable video playback within the Media Browser. Please note that media players have varying levels of support for different video formats. If the video format you want to play is not supported, you may want to search the Internet for a media player that can run on your computer and support the desired video formats. (Make sure you download the latest version.) Some suggested players include QuickTime, VLC, and Windows Media Player.

For more information about video support, visit **http://www.linksysbycisco.com/support**.

Remote Access

If you enable and set up the Remote Access service†, then you can access the Media Hub and its files over the Internet. To set up the Remote Access service, follow these instructions:

1. In your web browser, enter **http://<Friendly_Name>** (Example: http://mediahub)

2. Click **Configuration**.
3. Enter the password you created during the Setup Wizard (the default is **admin**). Click **Submit**.
4. Click the **Services** tab.
5. For the Remote Access section, click **Configure**.
6. Select **Enable Remote Access to the Media Hub**.
7. Enter the Remote Device Name you want to assign to the Media Hub. (This name can be different from the Media Hub's Friendly Name.)
8. Click **Submit**.

The Remote Access service will be available in approximately two to five minutes. To remotely access the Media Hub, follow these instructions:

1. Open the web browser of the computer you are using.

†Includes Remote Access service for one year from date of purchase. Fees may apply thereafter and are subject to change. Go to **www.linksysbycisco.com** for further information.

2. In the *Address* field, enter **http://www.ciscomediahub.com** and press **Enter**.
3. Enter the Remote Device Name of the Media Hub, and then click **Go**.

NOTE: Depending on the web browser you are using, certificate or security warning screens may appear. To continue with the login process for remote access, accept the warnings.

4. Enter the password you created during the Setup Wizard (the default is **admin**). Click **Submit**.

Remote access to the Media Hub is now established.

NOTE: Playing video files over remote access requires the same plug-ins you have installed on your home computer. Video playback support over remote access depends on the broadband speeds of both your home connection and remote connection. Video playback should be limited to smaller video files, as larger video files may take a long time to load and play.

Media Server

The Media Hub can stream media content to other UPnP AV-enabled (or DLNA-certified) devices, such as a digital media adapter or a gaming console with a built-in media player.

Direct Connection of USB Storage Devices

You can connect USB storage devices to the USB ports on the Media Hub, so you can access the files on the USB storage devices. (Direct connection of memory cards is also supported by the NMH400 Series of the Media Hub.)

Option to Install a Second Hard Disk Drive

You can install a second hard disk drive to enhance your use of the Media Hub. Depending on the disk configuration you select, you can increase the storage space or data protection of the Media Hub. For more information, refer to the User Guide; visit **www.linksysbycisco.com/mediahub/ug** to download it.

Media Importer

The Media Importer is the import tool that was automatically installed. It supports most popular formats, such as mp3, jpg, and mpg files. Use the Media Importer to automatically find, copy, and update media files to the Media Hub. In the future, any changes made or new files added will be automatically updated on the Media Hub.

Access

Double-click the system tray icon to access the Media Importer.

If you do not see the icon, go to **Start > All Programs > Cisco Media Hub > Linksys Media Importer > Linksys Media Importer**.

Importer System Tray Icon (Active)

Importer System Tray Icon (Offline or Disconnected)

Options

The Media Importer offers the following options:

Disconnect/Connect Connect or disconnect the Media Hub from the Media Importer.

Switch Media Hub Switch to a different Media Hub.

Manage Media Importer Select the folders you want to copy to the Media Hub.

Media Importer Status View the status of the file transfers to the Media Hub.

NTI Shadow

NTI Shadow is the backup tool you installed during the Setup Wizard. Use it to automatically copy your documents to the Media Hub for safekeeping.

(If you chose not to install the backup tool, then NTI Shadow will not be available. To install NTI Shadow, refer to the previous section, "Setup of Additional Computers".)

Access

Go to **Start > All Programs > Cisco Media Hub > NTI Shadow**.

After you have accessed NTI Shadow for the first time, the system tray icon appears. Double-click the icon to access NTI Shadow.

NTI Shadow System Tray Icon

Main Menu

The main menu appears.

The Setup Wizard creates a default backup job that backs up specific files in the Documents folder.

These files use the following file formats and extensions: .doc, .xls, .pdf, .ppt, .adb, .rtf, .xml, .htm, .html, .txt, and .pst.

The backup files are saved to the \backup\<Computer_Name>\Documents folder on the Media Hub and are organized by date. This default backup job is listed in the Modify Backup Job section.

Create Backup Job

Create Backup Job Click this option to create a backup job. Follow the on-screen instructions of the Job Wizard. (Additional information is available in the User Guide; visit **www.linksysbycisco.com/mediahub/ug** to download it.)

Modify Backup Job

All backup jobs, including the default backup job, are listed in this section. You can change the default backup job created by the Setup Wizard; for example, you can back up additional folders on your computer.

NOTE: For more information about NTI Shadow, click **Help**.

Copy and Paste

Use Windows Explorer and the copy-and-paste function to manually copy files to the Media Hub. Copy and paste music to the Music folder, photos to the Photos folder, and videos to the Videos folder.

Windows Access

1. To open Windows Explorer, go to **Start > Programs > Accessories > Windows Explorer**.

2. During the Setup Wizard, you created a Friendly Name or device name for the Media Hub.

   In the *Address* field of Windows Explorer, enter the Friendly Name of the Media Hub:

   \\<Friendly_Name> (Examples: **\\mediahub**)

3. Press **Enter**.

Instructions to Copy Media Files to the Media Hub

Follow these guidelines:

- Copy files of a single file type together at one time. For example, copy music files at one time; do not copy music, photo, and video files at the same time.
- Copy music files to the media\music folder of the Media Hub.
- Copy photo files to the media\photos folder of the Media Hub.
- Copy video files to the media\videos folder of the Media Hub.

File transfers may take minutes or hours depending on file transfer speeds, which will vary, depending on network conditions, including use of wireless, and the number and size of the selected files.

NOTE: The files you copy to the Media Hub can be accessed by all users of the Media Hub.

NOTE: Additional information about the Media Hub is available in the User Guide; visit **www.linksysbycisco.com/mediahub/ug** to download it. Additional information about Windows Explorer is available in Windows Help.

Additional information or troubleshooting help is available in the User Guide; visit www.linksysbycisco.com/mediahub/ug to download it. Additional support is also available by phone or online.

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